

140001197

INSTRUMENT PREPARED BY
VIRGINIA GAS AND OIL

ORDER RECORDED UNDER CODE
OF VIRGINIA SECTION 45.1-361.26

VIRGINIA:

BEFORE THE VIRGINIA GAS AND OIL BOARD

APPLICANT: RANGE RESOURCES - PMI

VIRGINIA GAS AND
OIL BOARD
VGOB DOCKET NO.:
89-0126-0009-75

RELIEF SOUGHT:

MODIFICATION OF THE OGCB NORA GAS
FIELD RULES ORDER, ENTERED MARCH 26,
1989, AS AMENDED, TO ALLOW MORE THAN
ONE COALBED GAS WELL TO BE DRILLED IN
THE UNITS IDENTIFIED ON EXHIBIT "A" HERETO

LEGAL DESCRIPTION:

DRILLING UNITS: 67-AE, 67-AF, 67-AG, 68-AE, 68-AF, 71-AF,
71-AG, 72-AG, 73-AA, 74-Y, 74-Z, 77-Z, 78-Y
LOCATED IN BUCNANAN COUNTY, VIRGINIA;
SEE ANNEXED EXHIBIT "H2"

**REPORT OF THE BOARD
FINDINGS AND ORDER**

1. Hearing Date and Place: This matter came on for hearing before the Virginia Gas and Oil Board (hereinafter "Board") at 9:00 a.m. on May 17, 2011 at the Conference Center at the Russell County Office Facility, Lebanon, Virginia.

2. Appearances: James E. Kaiser of Wilhoit and Kaiser, appeared for the Applicant; and Sharon B. Pigeon, Assistant Attorney General was present to advise the Board.

3. Jurisdiction and Notice: Pursuant to Va. Code §§45.1-361.1 et seq., as amended, the Board finds that it has jurisdiction over the subject matter. Based upon the evidence presented by the Applicant, the Board also finds that the Applicant has (1) exercised due diligence in conducting a meaningful search of reasonably available

sources to determine the identity and whereabouts of each gas and oil owner, coal owner, or mineral owner, or in the case of conflicting claims to the ownership of the coalbed methane gas, each person identified by Applicant as a potential owner of the coalbed methane gas underlying the area described at paragraph 7.h below and in **Exhibit "B"** attached hereto; and (2) has given notice to all parties so identified (hereinafter sometimes "person(s)" whether referring to individuals, corporation, partnerships, associations, companies, businesses, trusts, joint ventures or other legal entities) and entitled by §§ 45.1-361.19 and 45.1-361.20, Virginia Code, as amended, to notice of the Application, and (3) that the persons listed in the Notice of Hearing are the persons so identified by the Applicant. Further, the Board has caused notice of this hearing to be published as required by § 45.1-361.19.B., Virginia Code, as amended. Whereupon, the Board hereby finds that the notices given satisfy all statutory requirements, Board rule requirements and the minimum standards of State due process.

4. Amendments and Dismissals: **None.**

5. Relief Requested: (1) Modification of the Nora Gas Field Rules to allow more than one coalbed methane gas well to be drilled within each of the Nora Field Drilling Units identified above and in **Exhibit "H2"** attached hereto; and (2) for an administrative order providing that additional well permits may be issued in the Nora Field after the Application is filed and while it is pending.

6. Relief Granted: Available data and the evidence adduced at the hearing support Applicant's position that the production from the pool underlying the Nora Coal Bed Gas Field Drilling Units in question would be enhanced and benefit from in-field drilling; accordingly,

a. With regard to the Drilling Units described above and in **Exhibit "H2"** hereto, the Nora Coal Bed Gas Field Rules Order, OCGB order entered of March 26, 1989, is hereby amended to allow the Board's Designated Unit Operator in Drilling Units pooled by Board Order and the Well Operator/Permittee in voluntary Drilling Units to drill a total of two (2) wells, said total to include any previously permitted well(s), within the units affected by the Application and this Order;

b. In the event that an additional coalbed methane gas well(s) permitted and drilled after the entry of this order is located within the drilling window(s) of a Nora Coal Bed Gas Field Drilling Unit affected by this order, the production therefrom shall be solely attributed to and allocated to the Nora Drilling Unit within which the wells are located.

c. In the event a second well is proposed that is to be located outside the drilling window of any Nora Unit affected by this order and a permit application is submitted to the Division of Gas and Oil seeking such location exception, the Inspector shall assess the permit as follows:

(i) If a 58 acre square with the proposed well at its center lies entirely within Nora Drilling Units which are voluntary in nature and are not subject to existing pooling order, the Inspector may grant or deny the location exception on a case-by-case basis according to standard procedures and provisions of the Nora Order which allow wells to be drilled outside the drilling windows; or

(ii) If a 58 acre square with the proposed well at its center lies entirely or partially within any Nora Drilling Unit(s) which is subject to existing pooling orders, the Inspector shall refer the permit application to the Board for its recommendations concerning correlative rights considerations, modification of pooling orders, and escrow provisions. Alternatively, the Unit Operator may present a pooling proposal directly to the Board prior to filing a permit application. No permit under this paragraph (ii) shall be issued until the Board has acted on the matter.

7. Special Findings:

- a. Applicant's proposed field rule modification is not an unreasonable or arbitrary exercise of the owner's right to explore for or produce gas;
- b. The Applicant's proposal would not unreasonably interfere with the present or future mining of coal or other minerals;
- c. The acreage to be embraced in the Drilling Units affected by and/or created by this Modification Order shall be as set forth above and in **Exhibit "H2"** attached hereto.
- d. The formations subject to this Modification Order are described in the OGCB Order entered March 26, 1989, as amended.
- e. The boundaries of the Drilling Units are the same as heretofore established by the OGCB Order entered March 26, 1989, as amended.
- f. Unit Operator's production simulations indicate that drilling of an additional well in each Unit could facilitate the recovery of an additional 250,000 MCF of gas per Unit within ten (10) years of drilling.
- g. The boundaries of any Drilling Units created subsequent to this Modification Order shall be according to paragraph 6.c.ii. above and as defined by Board action specific to individual units.
- h. The acreage subject to this Modification Order is depicted in **Exhibit "H2"** attached hereto:

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i. Having considered the evidence presented, the Board found no reason to establish any allowable production rates for the wells contemplated by this Modification Order;

j. Except as herein specifically modified, the proposed Drilling Units in **Exhibit "H2"** shall be developed and produced in compliance with the OGCB Order entered on March 26, 1989 regarding the Nora Gas Field Rules, as amended.

k. This Modification Order shall be effective as of the date of the hearing, to wit: **May 17, 2011.**

8. Conclusion: The relief granted hereby will assist in enhancing production from existing wells, will assist in more efficiently recovering coalbed methane gas from the area in question, prevent waste by more effectively extracting the resource, and will continue to protect the correlative rights of all owners and claimants. Therefore, the relief and all terms and provisions set forth above be and are hereby granted and IT IS SO ORDERED.

9. Effective Date: **May 17, 2011.**

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DONE AND EXECUTED this 7th day of July,
2014, by a majority of the Virginia Gas and Oil Board.

Bradley C. Lambert
Bradley Lambert, Chairman

DONE AND EXECUTED this 7th day of July,
2014, by a majority of the Virginia Gas and Oil Board.

Rick Cooper
Rick Cooper
Principal Executive to the Staff
Virginia Gas and Oil Board

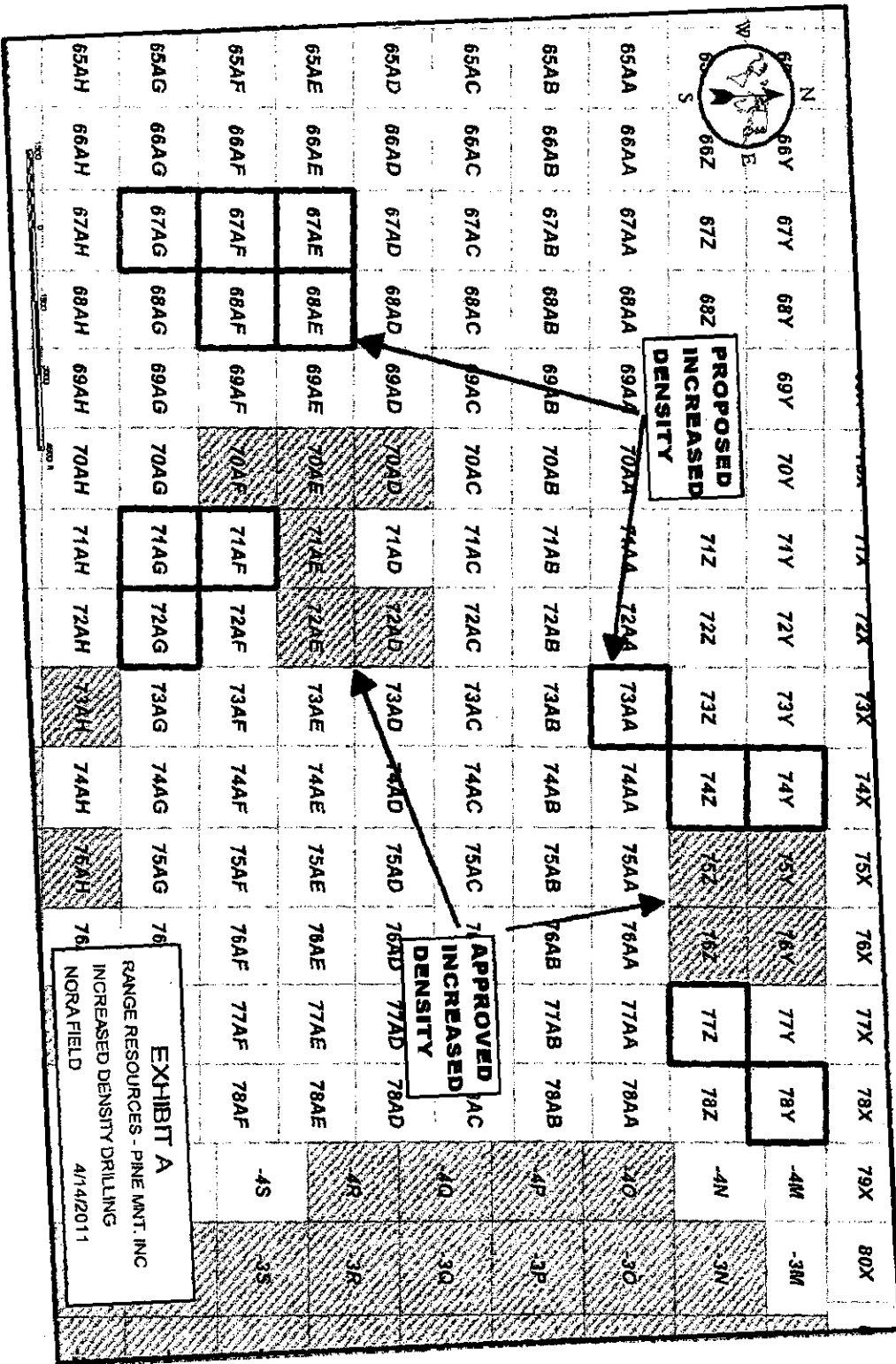
STATE OF VIRGINIA
COUNTY OF RUSSELL:

Acknowledged this 7th day of July, 2014,
personally before me a notary public in and for the Commonwealth of Virginia, appeared
Bradley Lambert, being duly sworn did depose and say that he is Chairman of the
Virginia Gas and Oil Board and Rick Cooper being duly sworn did depose and say that
he is Principal Executive to the Staff of the Virginia Gas and Oil Board, that they
executed same and were authorized to do so.

Sarah J. Gilmer
Sarah J. Gilmer

My Commission Expires July 31, 2017





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Exhibit B

ACIN, LLC,
5260 Irwin Road
Huntington, WV 25705-3247
ATTN: John Mooney

WBRD, LLC,
5260 Irwin Road
Huntington, WV 25705-3247
ATTN: John Mooney

Alpha Land and Reserves, LLC,
5703 Crutchfield Drive
Norton, VA 24273
ATTN: Steve Smith

Maxxim Shared Services, LLC,
5703 Cruthchfield Dr.,
Norton, VA 24273,
ATTN: Steve Smith

Chesapeake Energy Corporation,
PO Box 18496,
Oklahoma City, OK, 73154-0496,
ATTN: Michael A Rossiter

Penn Virginia Operating Company, LLC
7 Sheridan Square, Suite 400
Kingsport, TN 37660
ATTN: John Keith

War Fork Coals Partnership,
4710 Hunterwood Circle,
Richmond, TX 77469,
ATTN: John C. Irvin

Glenn Charles,
PO Box 440,
Vansant, VA 24656

Sarah Mohr,
215 Twillo Run Drive,
New Haven, IN 46774

Earl & Pearl Charles,
1313 Landmark Road,
Vansant, VA 24656

Floyd & Judy Charles,
1178 Landmark Road,
Vansant, VA 24656

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Exhibit B

Corene Wagner,
1079 Coal Miner Road,
Vansant VA 24656,

Margie Yates,
26826 Eunice Avenue,
Defiance, OH 43512

Vernie & Quillion Boyd,
P.O. Box 274,
Davenport, VA 24239

Russell & Sherry Boyd,
Box 931 Rocky Gap Hollow,
Birchleaf, VA 24220

Ray Boyd,
General Delivery,
Davenport, VA 24239

Martha Boyd,
General Delivery,
Davenport, VA 24239

Trudy Stanley,
4491 Woodhaven Drive,
Morristown, TN 37814

Lloyd O. & Geraldine Wood,
P.O. Box 8,
Vansant, VA 24656

Devey Gordon Owens,
P.O. Box 675,
Vansant, VA 24656

Franklin D. Elswick,
21744 Spoon Gap Road,
Abingdon, VA 24211

Trudy Stanley,
4491 Woodhaven Drive,
Morristown, TN 37813

Donna Jean Bailey,
1139 Little Creek Rd,
Pikeville, KY 41501

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Exhibit B

Everett Bailey,
P.O. Box 118,
Vansant, VA 24656

Pansy Bailey Hawkins,
293 Gray Station Road,
Gray, TN 37615

Pearley Marie Bailey,
Federal Medical Center,
Satellite Camp,
P.O. Box 14525,
Lexington, KY 40512

Samuel J. Breeding, Jr.,
2344 Louita Avenue,
Kingsport, TN 37620

Beulah Bowman,
1738 Bearbranch Road,
Vansant, VA 24656

Willard Charles,
1064 Ironwood Road,
Vansant, VA 24656

Richard Charles,
2066 Watkins Street,
Grundy, VA 24614

Jonie Vanover,
1580 Bear Branch Road,
Vansant, VA 24656

Mary Katie Bowman,
1715 Bear Branch Road,
Vansant, VA 24656

Mazel Jean Deel,
1170 Bear Branch Road,
Vansant, VA 24656

Corene Wagner,
1079 Coal Miner Road,
Vansant, VA 24656

Leo Bailey,
1107 Baily Circle,
Vansant, VA 24656

Arnold Bailey,
7294 Lovers Gap Road,
Vansant, VA 24656

Exhibit B

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Connie Lou McClanahan,
5299 Lynn Camp Branch Road,
Grundy, VA 24614

Johnny Bailey,
Rt.1 Box 570B,
Vansant, VA 24656

Mable Bailey Gibbs,
5604 Lesters Fork Road,
Grundy, VA 24614

Jerry Coleman & Barbara Coleman,
2613 Cranenest Road,
Vansant, VA 24656

Ricky Deel,
1132 Sylvania Road,
Vansant, VA 24656

Gordon Deel,
1113 Sylvania Road,
Vansant, VA 24656

Jessie Boyd,
Unknown

James Boyd,
Unknown

Jerline Boyd Heirs,
Unknown

INSTRUMENT #140001197
RECORDED IN THE CLERK'S OFFICE OF
BUCHANAN COUNTY ON
JULY 17, 2014 AT 11:28AM
BEVERLY S. TILLER, CLERK
RECORDED BY: GGB